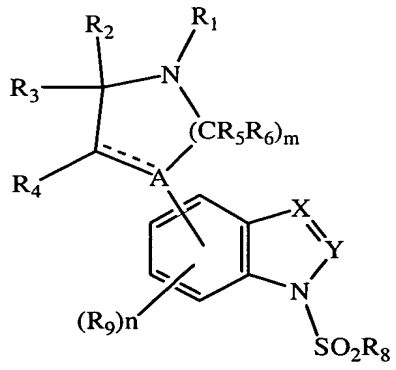
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A compound of formula I



(I)

wherein

A is C, CR_{10} or N;

X is CR_{11} or N;

Y is CR_7 or N with the proviso that when X is N, then Y must be CR_7;

R_1 is H, C_1-C_6alkylcarbonyl, C_1-C_6alkylcarbonyloxy or an C_1-C_6alkyl, C_1-C_6alkenyl, C_1-C_6alkynl or cycloheteroalkyl group each optionally substituted;

R_2, R_3, R_4, R_5 and R_6 are each independently H, halogen, OH or an optionally substituted C_1-C_6alkyl group;

R_7 and R_{11} are each independently H, halogen or an C_1-C_6alkyl, aryl, heteroaryl or C_1-C_6alkoxy group each optionally substituted;

R_8 is an C_1-C_6alkyl, aryl or heteroaryl group each optionally substituted;

R_9 is H, halogen or an C_1-C_6alkyl, C_1-C_6alkoxy, C_1-C_6alkenyl, aryl or heteroaryl group each optionally substituted;

R_{10} is H, OH or an optionally substituted C_1-C_6alkoxy group;

m is an integer of 1, 2 or 3 with the proviso that when m is 2 then A must be C or CR_{10};

n is 0 or an integer of 1, 2 or 3; and

---- represents a single bond or a double bond; or

a pharmaceutically acceptable salt thereof.

2. (Cancelled)

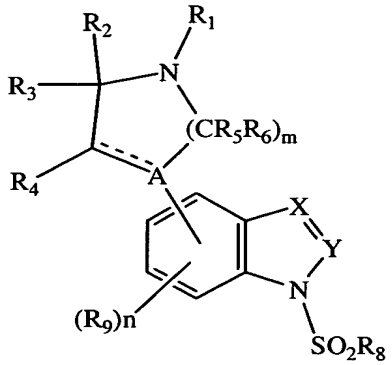
3. (Original) The compound according to claim 1 wherein R_8 is an optionally substituted phenyl group.

4. (Original) The compound according to claim 1 wherein R_2, R_3, R_4, R_5 and R_6 are H.

5. (Currently Amended) The compound according to claim [[2]] 1 wherein R_1 is H or a C_1-C_6alkyl or cycloheteroalkyl group each optionally substituted.

6. (Cancelled)

7. (Currently Amended) A method for the treatment of a disorder of the central nervous system related to or affected by the 5-HT6 receptor in a patient in need thereof which comprises administering to said patient a therapeutically effective amount of a compound of formula I.



(I)

wherein

A is C, CR_{10} or N;

X is CR_{11} or N;

Y is CR_7 or N with the proviso that when X is N, then Y must be CR_7;

R_1 is H, C_1-C_6alkylcarbonyl, C_1-C_6alkylcarbonyloxy or an C_1-C_6alkyl, C_1-C_6alkenyl, C_1-C_6alkynl or cycloheteroalkyl group each optionally substituted;

R_2, R_3, R_4, R_5 and R_6 are each independently H, halogen, OH or an optionally substituted C_1-C_6alkyl group;

R_7 and R_{11} are each independently H, halogen or an C_1-C_6alkyl, aryl, heteroaryl or C_1-C_6alkoxy group each optionally substituted;

R_8 is an C_1-C_6alkyl, aryl or heteroaryl group each optionally substituted;

R_9 is H, halogen or an C_1-C_6alkyl, C_1-C_6alkoxy, C_1-C_6alkenyl, aryl or heteroaryl group each optionally substituted;

R_{10} is H, OH or an optionally substituted C_1-C_6alkoxy group;

m is an integer of 1, 2 or 3 with the proviso that when m is 2 then A must be C or CR_{10};

n is 0 or an integer of 1, 2 or 3; and

---- represents a single bond or a double bond; or

a pharmaceutically acceptable salt thereof.

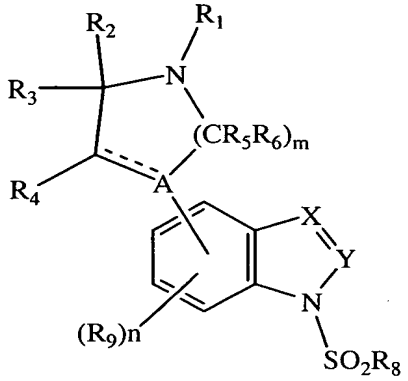
8. (Original) The method according to claim 7 wherein said disorder is a motor disorder, anxiety disorder or cognitive disorder.

9. (Original) The method according to claim 7 wherein said disorder is schizophrenia or depression.

10. (Original) The method according to claim 8 wherein said cognitive disorder is a neurodegenerative disorder.

11. (Original) The method according to claim 10 wherein said neurodegenerative disorder is Alzheimer's disease or Parkinson's disease

12. (Currently Amended) A pharmaceutical composition which comprises a pharmaceutically acceptable carrier and an effective amount of a compound of formula I.



(I)

wherein

A is C, CR_{10} or N;

X is CR_{11} or N;

Y is CR_7 or N with the proviso that when X is N, then Y must be CR_7;

R_1 is H, C_1-C_6alkylcarbonyl, C_1-C_6alkylcarbonyloxy or an C_1-C_6alkyl, C_1-C_6alkenyl, C_1-C_6alkynl or cycloheteroalkyl group each optionally substituted;

R_2, R_3, R_4, R_5 and R_6 are each independently H, halogen, OH or an optionally substituted C_1-C_6alkyl group;

R_7 and R_{11} are each independently H, halogen or an C_1-C_6alkyl, aryl, heteroaryl or C_1-C_6alkoxy group each optionally substituted;

R_8 is an C_1-C_6alkyl, aryl or heteroaryl group each optionally substituted;

R_9 is H, halogen or an C_1-C_6alkyl, C_1-C_6alkoxy, C_1-C_6alkenyl, aryl or heteroaryl group each optionally substituted;

R_{10} is H, OH or an optionally substituted C_1-C_6alkoxy group;

m is an integer of 1, 2 or 3 with the proviso that when m is 2 then A must be C or CR_{10};

n is 0 or an integer of 1, 2 or 3; and

---- represents a single bond or a double bond; or

a pharmaceutically acceptable salt thereof.

13. (Cancelled)

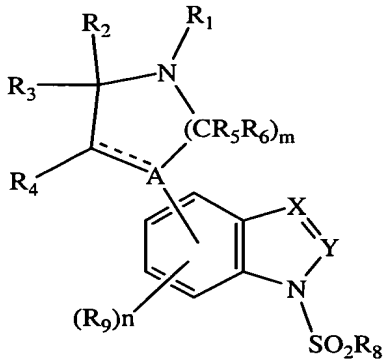
14. (Original) The composition according to claim 12 wherein R_8 is an optionally substituted phenyl group.

15. (Original) The composition according to claim 12 wherein R_2, R_3, R_4, R_5 and R_6 are H.

16. (Currently Amended) The composition according to claim [[13]] 12 wherein R_1 is H or a C_1-C_6alkyl or cycloheteroalkyl group each optionally substituted.

17. (Cancelled)

18. (Currently Amended) A method for the preparation of a compound of formula I.



(I)

wherein

A is C, CR_{10} or N;

X is CR_{11} or N;

Y is CR_7 or N with the proviso that when X is N, then Y must be CR_7;

R_1 is C_1-C_6alkylcarbonyl, C_1-C_6alkylcarbonyloxy or an C_1-C_6alkyl, C_1-C_6alkenyl, C_1-C_6alkynl or cycloheteroalkyl group each optionally substituted;

R_2, R_3, R_4, R_5 and R_6 are each independently H, halogen, OH or an optionally substituted C_1-C_6alkyl group;

R_7 and R_{11} are each independently H, halogen or an C_1-C_6alkyl, aryl, heteroaryl or alkoxy group each optionally substituted;

R_8 is an C_1-C_6alkyl, aryl or heteroaryl group each optionally substituted;

R_9 is H, halogen or an C_1-C_6alkyl, C_1-C_6alkoxy, C_1-C_6alkenyl, aryl or heteroaryl group each optionally substituted;

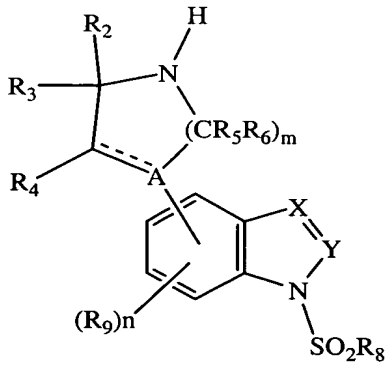
R_{10} is H, OH or an optionally substituted C_1-C_6alkoxy group;

m is an integer of 1, 2 or 3 with the proviso that when m is 2 then A must be C or CR_{10};

n is 0 or an integer of 1, 2 or 3; and

---- represents a single bond or a double bond

said method which comprises reacting a compound of formula Ia



(Ia)

wherein A, X, R_2, R_3, R_4, R_5, R_6, R_7, R_8, R_9, m and n are as defined hereinabove for formula I with a compound R_1-Hal wherein R_1 is as defined hereinabove for formula I and Hal is Cl, Br or I.